

substituents R_9 are independent of each other, $-C(=X)-R_7$, $-(CH_2)-C(=X)-R_7$, $-O-C(=X)-R_7$, $-(CH_2)-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-(CH_2)-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-(CH_2)-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-(CH_2)-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, aryl, heterocyclyl, aryloxy or heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy and heterocyclyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , SCN, $-N_3$, C_1-C_{12} alkyl, C_3-C_8 cycloalkyl, C_1-C_{12} haloalkyl, C_1-C_{12} alkoxy, C_1-C_{12} haloalkoxy, C_1-C_{12} alkylthio, C_1-C_{12} haloalkylthio, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_2-C_8 alkenyl, C_2-C_6 alkynyl, C_2-C_{12} haloalkenyl, C_2-C_{12} haloalkenyloxy, C_2-C_{12} haloalkynyl, C_3-C_{12} alkynyloxy, C_3-C_{12} haloalkynyloxy and phenoxy;

or, when p is 1, R_2 together with R_3 is a bond;

or R_2 together with R_4 is $=O$ or $=S$;

or R_2 together with R_4 form with the carbon to which they are bound a three- to seven-membered ring, which may be monocyclic or bicyclic, and may be saturated or unsaturated, and that may contain one or two hetero atoms selected from the group consisting of N, O and S, and which is either unsubstituted or independently of one another mono- to pentasubstituted with substituents selected from OH, $=O$, SH, $=S$, halogen, CN, $-N_3$, SCN, NO_2 , aryl, C_1-C_{12} alkyl, C_3-C_8 cycloalkyl, C_1-C_{12} haloalkyl, C_1-C_{12} alkoxy, C_1-C_{12} haloalkoxy, C_1-C_{12} alkylthio, C_1-C_{12} haloalkylthio, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, C_2-C_{12} haloalkenyl, C_2-C_{12} haloalkenyloxy, C_2-C_{12} haloalkynyl, C_3-C_{12} alkynyloxy, C_3-C_{12} haloalkynyloxy, phenoxy, phenyl- C_1-C_6 alkyl, $-N(R_9)_2$ wherein the two R_9 are independent of each other, C_1-C_6 alkylsulfanyl, C_3-C_8 cycloalkylsulfanyl, C_1-C_6 haloalkylsulfanyl, C_3-C_8 halocycloalkylsulfanyl, C_1-C_6 alkylsulfonyl, C_3-C_8 cycloalkylsulfonyl, C_1-C_6 haloalkylsulfonyl and C_3-C_8 halocycloalkylsulfonyl; or

R_2 together with R_4 is $=NN(R_{12})_2$, wherein the two substituents R_9 are independent of each other;

or, when p is 0, R_2 together with R_4 and R_6 is $\equiv N$;

or when p is 0, R_2 together with R_6 is $=NOR_{12}$ or $=NN(R_{12})_2$, wherein the two substituents R_9 are independent of each other;

R_3 is H, C_1 - C_{12} -alkyl, halogen, halo- C_1 - C_2 alkyl, CN, $-N_3$, SCN, NO_2 , C_3 - C_8 cycloalkyl unsubstituted or substituted by from one to three methyl groups, C_3 - C_8 halocycloalkyl, C_1 - C_{12} alkoxy, C_1 - C_6 -alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_3 - C_8 cycloalkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_3 - C_8 cycloalkylthio, C_1 - C_{12} haloalkylthio, C_1 - C_{12} alkylsulfanyl, C_3 - C_8 cycloalkylsulfanyl, C_1 - C_{12} haloalkylsulfanyl, C_3 - C_8 halocycloalkylsulfanyl, C_1 - C_{12} alkylsulfonyl, C_3 - C_8 cycloalkylsulfonyl, C_1 - C_{12} haloalkylsulfonyl, C_3 - C_8 halocycloalkylsulfonyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynyloxy, $-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, aryl, heterocyclyl, aryloxy or heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy and heterocyclyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_3 - C_8 cycloalkyl, C_1 - C_{12} haloalkyl, C_1 - C_{12} alkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_1 - C_{12} haloalkylthio, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} haloalkynyl and C_3 - C_{12} haloalkynyloxy;

or when p is 1, R_3 together with R_2 is a bond;

R_4 is H, C_1 - C_{12} -alkyl, C_1 - C_{12} -haloalkyl, C_1 - C_{12} -hydroxyalkyl, OH, halogen, NO_{12} , CN, C_3 - C_8 cycloalkyl unsubstituted or substituted by from one to three methyl groups, C_3 - C_8 halocycloalkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} alkynyl, C_2 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynyloxy, $-P(=O)(OC_1-C_6alkyl)_2$, $-Si(C_1-C_6alkyl)_3$, $-(CH_2)-Si(C_1-C_6alkyl)_3$, $-Si(OC_1-C_6alkyl)_3$, $-N(R_9)_2$, $-(CH_2)-N(R_9)_2$, wherein the two substituent R_9 are independent of each other, $-C(=X)-R_7$, $-(CH_2)-C(=X)-R_7$, $-O-C(=X)-R_7$, $-(CH_2)-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-(CH_2)-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-(CH_2)-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-(CH_2)-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, aryl, heterocyclyl, aryloxy or heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy and heterocyclyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_3 - C_8 cycloalkyl, C_1 - C_{12} haloalkyl,

C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy and phenoxy;

or R₄ together with R₂ forms =O or =S;

or when p is 1, R₄ together with R₅ is a bond;

or, when p is 0, together with R₂ and R₆ is ≡N;

R₅ and R₆ independently of each other are H, C₁-C₁₂-alkyl, -N₃, CN, NO₂, OH, SH, halogen, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈cycloalkyl that is unsubstituted or substituted by from one to two methyl groups, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂haloalkylthio, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -CH=NOH, -CH=NOC₁-C₆alkyl, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy, -NR₉-heterocyclyl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, -CH₂-NR₉-C₁-C₂alkyl, -CH₂-heterocyclyl, -CH₂-O-heterocyclyl and -CH₂-NR₉-heterocyclyl; wherein the aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy and -NR₉-heterocyclyl radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, =O, SH, =S, halogen, CN, NO₂, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, phenoxy, methylenedioxy, NH₂, NH(C₁-C₁₂alkyl), N(C₁-C₁₂alkyl)₂ and C₁-C₆alkylsulfanyl; or

R₅ and R₆ are, together with the carbon atom to which they are bound, a five- to seven-membered ring, which may be saturated or unsaturated, and which may contain one or two members selected from the group consisting of O, NR₈ and S; and which is optionally substituted with one to three substituents selected from C₁-C₁₂-alkyl, CN, NO₂, OH, halogen, halo-C₁-C₂alkyl, C₃-C₈cycloalkyl C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₃-C₈cycloalkylthio, C₁-C₁₂haloalkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl and C₃-C₁₂haloalkynyloxy;

or when p is 1, R₅ together with R₄ is a bond;

or, when p is 0, R₆ together with R₂ and R₄ is ≡N;

R₇ is H, OH, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₈alkenyloxy, C₃-C₈alkynyloxy, --N(R₈)₂ wherein the two R₈ are independent of each other, aryl, aryloxy, benzyloxy, heterocyclyl, heterocycloxy or heterocyclylmethoxy; and wherein the aryl, aryloxy, benzyloxy, heterocyclyl and heterocycloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO₂, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₈alkynyl, C₂-C₁₂haloalkynyl and C₃-C₁₂haloalkynyloxy;

R₈ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, hydroxy and cyano, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group

consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, and C₁-C₁₂haloalkylthio;

R₉ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₂-C₆alkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, benzyl, aryl or heteroaryl;

R₁₀ H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, NO₂, hydroxy and cyano, C₁-C₁₂haloalkyl, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂alkynyl, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₃-C₁₂haloalkynyl and C₃-C₁₂haloalkynyloxy;

R₁₁ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, hydroxy and cyano, -N(R₉)₂ wherein the two substituents R₉ are independent of each other, C₃-C₈cycloalkyl, C₃-C₈halocycloalkyl, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₃-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl and C₃-C₁₂haloalkynyloxy;

R₁₂ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, -C(=O)C₁-C₆alkyl, -C(=O)OC₁-C₆alkyl, -SO₂C₁-alkyl, benzyl, aryl, heteroaryl;

X is O or S;

or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form;

with the proviso, that the group $R_6-[C(R_3)(R_5)]_p-C(R_2)(R_4)-[CH_2]_n-$, which is attached to the ϵ -position of the compound of the formula (I), is not $NC-CH_2-$ or $HOOC-CH_2-$ when m is 1 and the bond between atoms 22 and 23 is a single bond.

2. (Previously Presented): A pesticide composition which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.
3. (Previously Presented): A method for controlling pests comprising applying a composition as described in claim 2 to the pests or their habitat.
4. (Previously Presented): A process for preparing a composition as described in claim 2 comprising intimately mixing and/or grinding the active compound with at least one auxiliary.
5. (canceled)
6. (canceled)
7. (Previously Presented): A method for protecting plant propagation material, wherein the propagation material or the location where the propagation material is planted is treated, comprising applying a composition as described in claim 2.
8. (Previously Presented): Plant propagation material treated in accordance with the method described in claim 7.
9. (New): The compound of claim 1, wherein

R₁ is C₁-C₆-alkyl, C₃-C₆-cycloalkyl or C₂-C₆-alkenyl;

R₂ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, OH, halogen, -N₃, SCN, NO₂, CN, C₃-C₆cycloalkyl unsubstituted or substituted by from one to three methyl groups, C₃-C₈halo-cycloalkyl, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆alkynyloxy, C₃-C₆haloalkynyloxy, -(CH₂)-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -(CH₂)-C(=X)-R₇, -O-C(=X)-R₇, -(CH₂)-O-C(=X)-R₇, -S-C(=X)-R₇, -(CH₂)-S-C(=X)-R₇, -NR₉C(=X)R₇, -(CH₂)-NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -(CH₂)-NR₉-OR₁₀, -SR₉, -S(=O) R₁₁, -S(=O)₂R₁₁,

or, when p is 1, R₂ together with R₃ is a bond;

or R₂ together with R₄ is =O or =S; or

R₂ together with R₄ is =NN(R₁₂)₂, wherein the two substituents R₉ are independent of each other;

or, when p is 0, R₂ together with R₄ and R₆ is ≡N;

or when p is 0, R₂ together with R₆ is =NOR₁₂ or =NN(R₁₂)₂, wherein the two substituents R₉ are independent of each other;

R₃ is H, C₁-C₆-alkyl, halogen, halo-C₁-C₂alkyl,

or when p is 1, R₃ together with R₂ is a bond;

R₄ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, OH, halogen, NO₂, CN, C₃-C₈cycloalkyl unsubstituted or substituted by from one to three methyl groups, C₃-C₈halo-cycloalkyl, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, -N(R₉)₂, -(CH₂)-N(R₉)₂, wherein the two substituent R₉ are independent of each other, -C(=X)-R₇, -(CH₂)-C(=X)-R₇, -O-C(=X)-R₇, -(CH₂)-O-C(=X)-R₇, -S-C(=X)-R₇, -(CH₂)-S-C(=X)-R₇, -NR₉C(=X)R₇, -(CH₂)-NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -(CH₂)-NR₉-OR₁₀, -SR₉, -S(=O) R₁₁, -S(=O)₂R₁₁,

or R₄ together with R₂ forms =O or =S;

or when p is 1, R₄ together with R₅ is a bond;

or, when p is 0, together with R₂ and R₆ is \equiv N;

R₅ and R₆ independently of each other are H, C₁-C₆-alkyl, -N₃, CN, NO₂, OH, SH, halogen, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈cycloalkyl that is unsubstituted or substituted by from one to two methyl groups, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₆haloalkylthio, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -CH=NOH, -CH=NOC₁-C₆alkyl, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy, -NR₉-heterocyclyl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, -CH₂-NR₉-C₁-C₂alkyl, -CH₂-heterocyclyl, -CH₂-O-heterocyclyl and -CH₂-NR₉-heterocyclyl; wherein the aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy and -NR₉-heterocyclyl radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, =O, SH, =S, halogen, CN, NO₂, C₁-C₆alkyl, C₃-C₈cycloalkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, phenoxy, methylenedioxy, NH₂, NH(C₁-C₆alkyl), N(C₁-C₆alkyl)₂ and C₁-C₆alkylsulfanyl; or

when p is 0, R₆ together with R₂ and R₄ is \equiv N;

R₇ is H, OH, C₁-C₆alkyl, C₁-C₆haloalkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₂-C₆haloalkenyloxy, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₈alkenyloxy, C₃-C₈alkynyloxy, -N(R₈)₂ wherein the two R₈ are independent of each other, aryl, aryloxy, benzyloxy, heterocyclyl,

heterocycloxy or heterocyclylmethoxy; and wherein the aryl, aryloxy, benzyloxy, heterocyclyl and heterocycloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO₂, C₁-C₆alkyl, C₃-C₈cycloalkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₈alkynyl, C₂-C₆haloalkynyl and C₃-C₆haloalkynyloxy;

R₈ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, hydroxy and cyano, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, and C₁-C₆haloalkylthio;

R₉ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₂-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, benzyl, aryl or heteroaryl;

R₁₀ H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, NO₂, hydroxy and cyano, C₁-C₆haloalkyl, C₂-C₆alkenyl, C₂-C₆haloalkynyl, C₂-C₆haloalkenyl, C₂-C₆alkynyl, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₃-C₆haloalkynyl and C₃-C₆haloalkynyloxy;

R₁₁ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, hydroxy and cyano, -N(R₉)₂ wherein the two

substituents R_9 are independent of each other, C_3 - C_8 cycloalkyl, C_3 - C_8 halocycloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyloxy, C_2 - C_6 alkynyl, C_3 - C_6 haloalkynyl, C_3 - C_6 haloalkynyloxy, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 alkylthio, C_1 - C_6 haloalkylthio, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyloxy, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl and C_3 - C_6 haloalkynyloxy;

R_{12} is H, C_1 - C_6 alkyl, C_1 - C_6 cycloalkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} alkynyl, $-C(=O)C_1$ - C_6 alkyl, $-C(=O)OC_1$ - C_6 alkyl, $--SO_2C_1$ -alkyl, benzyl, aryl, heteroaryl;

X is O or S;

or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form;

with the proviso, that the group $R_6-[C(R_3)(R_5)]_p-C(R_2)(R_4)-[CH_2]_n-$, which is attached to the ϵ -position of the compound of the formula (1), is not $NC-CH_2-$ or $HOOC-CH_2-$ when m is 1 and the bond between atoms 22 and 23 is a single bond.

10. (New) The compound of claim 9, wherein

$n = 1$;

$p = 1$;

$m = 0$;

R_2 is H or OH;

R_3 is H, C_1 - C_6 -alkyl, or halo- C_1 - C_2 alkyl;

R_4 is H;

R_5 is H or C_1 - C_6 -alkyl; and

R₆ is H, C₁-C₆-alkyl, -N₃, OH, halogen, halo-C₁-C₂alkyl, N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, or -S(=O)₂R₁₁.

11. (New) The compound of claim 9, wherein

n = 1;

p = 1;

m = 1;

R₂ is H or OH;

R₃ is H, C₁-C₆-alkyl, or halo-C₁-C₂alkyl;

R₄ is H;

R₅ is H or C₁-C₆-alkyl; and

R₆ is H, C₁-C₆-alkyl, -N₃, OH, halogen, halo-C₁-C₂alkyl, N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, or -S(=O)₂R₁₁.

12. (New) The compound of claim 9, wherein

n = 1;

p = 0;

m = 1;

R₂ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, or -C(=X)-R₇,

R₄ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, or -C(=X)-R₇,

R₇ is H, OH, or C₁-C₆alkoxy;

X is O; and

R₆ is H, C₁-C₆-alkyl, -N₃, CN, NO₂, OH, SH, halogen, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆haloalkoxy, C₁-C₆haloalkylthio, N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -CH=NOH, -CH=NOC₁-C₆alkyl, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, or -CH₂-NR₉-C₁-C₂alkyl.

13. (New) The compound of claim 9, wherein

$n = 1$;

$p = 0$;

$m = 0$; and

R_2 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_4 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_7 is H, OH, or C_1 - C_6 alkoxy;

X is O; and

R_6 is H, C_1 - C_6 -alkyl, $-N_3$, CN, NO_2 , OH, SH, halogen, halo- C_1 - C_2 alkyl, hydroxy- C_1 - C_2 alkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 haloalkoxy, C_1 - C_6 haloalkylthio, $N(R_9)_2$, $-O-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-CH=NOH$, $-CH=NOC_1-C_6$ alkyl, $-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, $-CH_2-S(=O)_2R_{11}$, aryl, aryloxy, benzyloxy, $-NR_9$ -aryl, $-CH_2$ -aryl, $-CH_2$ -O-aryl, $-CH_2-NR_9$ -aryl, or $-CH_2-NR_9-C_1-C_2$ alkyl.

14. (New) The compound of claim 9, wherein

$n = 0$;

$p = 0$;

$m = 1$;

R_2 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_4 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_7 is H, OH, or C_1 - C_6 alkoxy;

X is O; and

R_6 is H, C_1 - C_6 -alkyl, $-N_3$, CN, NO_2 , OH, SH, halogen, halo- C_1 - C_2 alkyl, hydroxy- C_1 - C_2 alkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 haloalkoxy, C_1 - C_6 haloalkylthio, $N(R_9)_2$, $-O-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-CH=NOH$, $-CH=NOC_1-C_6$ alkyl, $-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S$

(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, or -CH₂-NR₉-C₁-C₂alkyl.

15. (New) The compound of claim 9, wherein

n = 0;

p = 0;

m = 0;

R₂ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, or -C(=X)-R₇,

R₄ is H, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-hydroxyalkyl, or -C(=X)-R₇,

R₇ is H, OH, or C₁-C₆alkoxy;

X is O; and

R₆ is H, C₁-C₆-alkyl, -N₃, CN, NO₂, OH, SH, halogen, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆haloalkoxy, C₁-C₆haloalkylthio, N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -CH=NOH, -CH=NOC₁-C₆alkyl, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, or -CH₂-NR₉-C₁-C₂alkyl.

16. (New) The compound of claim 9, wherein

p = 0;

R₂ together with R₄ is =O;

R₆ is H, C₁-C₆-alkyl, CN, OH, F, Cl, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂haloalkylthio, C₂-C₈alkenyl, C₂-C₁₂haloalkenyl, -N(R₉)₂ wherein the two substituents R₉ are independent of each other, pyrrolidinyl, morpholinyl, aryl, aryloxy, or benzyloxy; and

R₉ is H or C₁-C₆alkyl.

17. (New) The compound of claim 9, wherein

n = 1;

p = 1;

m = 0;

R₂ together with R₃ is a bond;

R₄ is H or C₁-C₆ alkyl;

R₅ is H, F, Cl, Br or C₁-C₆ alkyl;

R₆ is H, C₁-C₆-alkyl, CN, OH, F, Cl, Br, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₆haloalkoxy, C₁-C₆haloalkylthio, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -C(=X)-R₇, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, thiophenyl, pyridyl, or -CH₂-NR₉-C₁-C₂alkyl; and

R₇ is H, OH, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₁₂alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, aryl, furanylemethoxy, or 1,3,2-dioxaborolyl; and wherein the aryl, furanylemethoxy, 1,3,2-dioxaborolyl are unsubstituted or depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen and C₁-C₆alkyl.

18. (New) The compound of claim 9, wherein

n = 1;

p = 1;

m = 1;

R₂ together with R₃ is a bond;

R₄ is H or C₁-C₆ alkyl;

R₅ is H, F, Cl, Br or C₁-C₆ alkyl;

R₆ is H, C₁-C₆-alkyl, CN, OH, F, Cl, Br, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₆haloalkoxy, C₁-C₆haloalkylthio, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -C(=X)-R₇, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, thiophenyl, pyridyl, or -CH₂-NR₉-C₁-C₂alkyl; and

R₇ is H, OH, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₁₂alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, aryl, furanylemethoxy, 1,3,2-dioxaborolyl; and

wherein the aryl, furanylmethoxy, or 1,3,2-dioxaborolyl are unsubstituted or depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen and C₁-C₆alkyl.

19. (New) The compound of claim 9, wherein

m is 0 or 1;

n is 0 or 1;

p is 0;

R₁ is sec-butyl or isopropyl;

R₂ and R₄ is H;

R₆ is hydroxy; and

the bond between atoms 22 and 23 is a double bond.

20. (New) The compound of claim 9, wherein

m is 0 or 1;

n is 1;

p is 1 and R₂ together with R₃ is a bond;

R₁ is sec-butyl or isopropyl;

R₄, R₅ and R₆ are H;

the bond between atoms 22 and 23 is a double bond.